UN

E/ECE/324
E/ECE/TRANS/505 } Rev.1/Add.19/Rev.2/Amend.3

30 April 1998

# AGREEMENT

**CONCERNING THE ADOPTION OF UNIFORM TECHNICAL PRESCRIPTIONS FOR WHEELED VEHICLES, EQUIPMENT AND PARTS WHICH CAN BE FITTED AND/OR BE USED ON WHEELED VEHICLES AND THE CONDITIONS FOR RECIPROCAL RECOGNITION OF APPROVALS GRANTED ON THE BASIS OF THESE PRESCRIPTIONS */**

(Revision 2, including the amendments entered into force on 16 October 1995)

---

**Addendum 19: Regulation No. 20**

**Revision 2 - Amendment 3**

Supplement 6 to the 02 series of amendments - Date of entry into force: 25 December 1997

**UNIFORM PROVISIONS CONCERNING THE APPROVAL OF MOTOR VEHICLE HEADLAMPS EMITTING AN ASYMMETRICAL PASSING BEAM OR A DRIVING BEAM OR BOTH AND EQUIPPED WITH HALOGEN FILAMENT LAMPS (H4 LAMPS)**

---

**UNITED NATIONS**

---

*/ Former title of the Agreement:

Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

GE.98- 21109

Paragraph 4.2.1.1., footnote 5/, amend to read:

"5/ 1 for ..... 29 for Estonia, 30 (vacant), 31 for Bosnia and Herzegovina, 32-36 (vacant) and 37 for Turkey. Subsequent numbers ....."

Paragraph 6.2.7.

amend the values "0.7 lux ≥ 1, 2, 3, 7 ≥ 0.1 lux
0.7 lux ≥ 4, 5, 6, 8 ≥ 0.2 lux "

to read: "1 + 2 + 3 ≥ 0.3 lux, and
4 + 5 + 6 ≥ 0.6 lux, and
0.7 lux ≥ 7 ≥ 0.1 lux and
0.7 lux ≥ 8 ≥ 0.2 lux "

In addition, add the following (foot)note to paragraph 6.2.7.:

"*/ Illumination values in any point of zones A and B, which also lies within zone III, shall not exceed 0.7 lux."

Annex 4,

Paragraph 1.2.1.1., replace by the following text (including also a new footnote 4/):

"1.2.1.1. Test mixture

1.2.1.1.1. For headlamp with the outside lens in glass:

The mixture of water and a polluting agent to be applied to the headlamp shall be composed of:

9 parts by weight of silica sand with a particle size of 0-100 µm,

1 part by weight of vegetal carbon dust (beechwood) with a particle size of 0-100 µm,

0.2 parts by weight of NaCMC 3/, and

an appropriate quantity of distilled water, with a conductivity of ≤ 1 mS/m.

The mixture must not be more than 14 days old.

1.2.1.1.2. For headlamp with outside lens in plastic material:

The mixture of water and polluting agent to be applied to the headlamp shall be composed of:

9 parts by weight of silica sand with a particle size of 0-100 µm,

1 part by weight of vegetal carbon dust (beechwood) with a particle size of 0-100 μm,

0.2 part by weight of NaCMC 3/,

13 parts by weight of distilled water with a conductivity of ≤ 1 mS/m, and

2 ± 1 parts by weight of surface-actant 4/.

The mixture must not be more than 14 days old.

---

3/ (note not modified)

4/ The tolerance on quantity is due to the necessity of obtaining a dirt that correctly spreads out on all the plastic lens."

Paragraph 1.2.1.2., footnote 4/, renumber as footnote 5/.